

L1 FILE 'REGISTRY' ENTERED AT 10:03:17 ON 14 AUG 2004  
8224 S RRTK/SQSP

L2 FILE 'CAPLUS' ENTERED AT 10:03:49 ON 14 AUG 2004  
297 S L1 AND TRANSPORT####

L3 9 S L2 AND PANCREA#####

L4 FILE 'REGISTRY' ENTERED AT 10:06:39 ON 14 AUG 2004  
(66 S RRTK/SQSP AND SQL<=15)

FILE 'CAPLUS' ENTERED AT 10:08:19 ON 14 AUG 2004

L5 38 S L4

L6 34 S L5 AND PATENT/DT

L7 14 S L5 AND (TRANSPORT### OR TRANSLOCAT####)

L8 6 S L7 AND MEMBRANE

L9 4 S L8 AND PANCREAT###

L10 2 S L9 AND (B CELL#)  
E BONNY CHRISTOPHE/AU

L11 41 S E2-E3

L12 2 S L11 AND L1

L12 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2003:118585 CAPLUS  
 DOCUMENT NUMBER: 138:158767  
 TITLE: Intracellular delivery of biological effectors  
 INVENTOR(S): **Bonny, Christophe**  
 PATENT ASSIGNEE(S): Switz.  
 SOURCE: U.S. Pat. Appl. Publ., 20 pp., Cont.-in-part of U. S.  
 Ser. No. 977,831.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003032594	A1	20030213	US 2002-165015	20020607
US 2002120100	A1	20020829	US 2001-977831	20011015
WO 2003103718	A2	20031218	WO 2003-IB3097	20030606
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2000-240315P P 20001013  
 US 2001-977831 A2 20011015  
 US 2002-165015 A2 20020607

OTHER SOURCE(S): MARPAT 138:158767

L12 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2002:293810 CAPLUS  
 DOCUMENT NUMBER: 136:330522  
 TITLE: Intracellular delivery of biological effectors  
 INVENTOR(S): **Bonny, Christophe**  
 PATENT ASSIGNEE(S): University of Lausanne, Switz.  
 SOURCE: PCT Int. Appl., 50 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002031109	A2	20020418	WO 2001-IB2423	20011015
WO 2002031109	A3	20030116		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

AU 2002020979	A5	20020422	AU 2002-20979	20011015
EP 1345956	A2	20030924	EP 2001-986713	20011015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004511494	T2	20040415	JP 2002-534479	20011015
US 2004110690	A1	20040610	US 2003-399127	20031204
PRIORITY APPLN. INFO.:			US 2000-240315P	P 20001013
			WO 2001-IB2423	W 20011015

L10 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2003:930859 CAPLUS  
 DN 140:14513  
 TI Identification and therapeutic use of peptides that facilitate uptake and cytoplasmic and nuclear **transport** of proteins, DNA and viruses  
 IN Robbins, Paul D.; Mi, Zhibao; Frizzell, Raymond; Glorioso, Joseph C.; Gambotto, Andrea; Mai, Jeffrey C.  
 PA USA  
 SO U.S. Pat. Appl. Publ., 140 pp., Cont.-in-part of U.S. Ser. No. 75,869.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 3

*29/653182*

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003 <sup>9</sup> 219826	A1	20031127	US 2003-366493	20030212
	US 2003104622	A1	20030605	US 2002-75869	20020213
PRAI	US 1999-151980P	P	19990901		
	US 2000-188944P	P	20000313		
	US 2000-653182	A2	20000831		
	US 2002-75869	A2	20020213		

*e. filing date*

*10/366493*

L10 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2003:435239 CAPLUS  
 DN 139:32886  
 TI Identification of peptides that facilitate uptake and cytoplasmic and/or nuclear **transport** of proteins, DNA and viruses  
 IN Robbins, Paul D.; Mi, Zhibao; Frizzell, Raymond; Glorioso, Joseph C.; Gambotto, Andrea  
 PA USA  
 SO U.S. Pat. Appl. Publ., 110 pp., Cont.-in-part of U.S. Ser. No. 653,182.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003 <sup>9</sup> 104622	A1	20030605	US 2002-75869	20020213
	WO 2003068942	A2	20030821	WO 2003-US4632	20030212
	WO 2003068942	A3	20040701		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2003219826	A1	20031127	US 2003-366493	20030212
PRAI	US 1999-151980P	P	19990901		
	US 2000-188944P	P	20000313		
	US 2000-653182	A2	20000831		
	US 2002-75869	A	20020213		

*10/075869  
 filing 2/13/02  
 CIP of  
 09/653182*

L8 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2003:930859 CAPLUS  
 DOCUMENT NUMBER: 140:14513  
 TITLE: Identification and therapeutic use of peptides that facilitate uptake and cytoplasmic and nuclear **transport** of proteins, DNA and viruses  
 INVENTOR(S): Robbins, Paul D.; Mi, Zhibao; Frizzell, Raymond; Glorioso, Joseph C.; Gambotto, Andrea; Mai, Jeffrey C.  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 140 pp., Cont.-in-part of U.S. Ser. No. 75,869.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 3  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003219826	A1	20031127	US 2003-366493	20030212
US 2003104622	A1	20030605	US 2002-75869	20020213
PRIORITY APPLN. INFO.:			US 1999-151980P	P 19990901
			US 2000-188944P	P 20000313
			US 2000-653182	A2 20000831
			US 2002-75869	A2 20020213

L8 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2003:435239 CAPLUS  
 DOCUMENT NUMBER: 139:32886  
 TITLE: Identification of peptides that facilitate uptake and cytoplasmic and/or nuclear **transport** of proteins, DNA and viruses  
 INVENTOR(S): Robbins, Paul D.; Mi, Zhibao; Frizzell, Raymond; Glorioso, Joseph C.; Gambotto, Andrea  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 110 pp., Cont.-in-part of U.S. Ser. No. 653,182.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 3  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003104622	A1	20030605	US 2002-75869	20020213
WO 2003068942	A2	20030821	WO 2003-US4632	20030212
WO 2003068942	A3	20040701		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003219826	A1	20031127	US 2003-366493	20030212
PRIORITY APPLN. INFO.:			US 1999-151980P	P 19990901

10/366,493  
 CIP of  
 09/653,182

10/75869

US 2000-188944P P 20000313  
US 2000-653182 A2 20000831  
US 2002-75869 A 20020213

L8 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2003:118585 CAPLUS  
DOCUMENT NUMBER: 138:158767  
TITLE: Intracellular delivery of biological effectors  
INVENTOR(S): Bonny, Christophe  
PATENT ASSIGNEE(S): Switz.  
SOURCE: U.S. Pat. Appl. Publ., 20 pp., Cont.-in-part of U. S.  
Ser. No. 977,831  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

*Applicants*

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003032594	A1	20030213	US 2002-165015	20020607
US 2002120100	A1	20020829	US 2001-977831	20011015
WO 2003103718	A2	20031218	WO 2003-IB3097	20030606

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:  
US 2000-240315P P 20001013  
US 2001-977831 A2 20011015  
US 2002-165015 A2 20020607

OTHER SOURCE(S): MARPAT 138:158767

L8 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2002:293810 CAPLUS  
DOCUMENT NUMBER: 136:330522  
TITLE: Intracellular delivery of biological effectors  
INVENTOR(S): Bonny, Christophe  
PATENT ASSIGNEE(S): University of Lausanne, Switz.  
SOURCE: PCT Int. Appl., 50 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

*Applicants*

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002031109	A2	20020418	WO 2001-IB2423	20011015
WO 2002031109	A3	20030116		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
 AU 2002020979 A5 20020422 AU 2002-20979 20011015  
 EP 1345956 A2 20030924 EP 2001-986713 20011015  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
 JP 2004511494 T2 20040415 JP 2002-534479 20011015  
 US 2004110690 A1 20040610 US 2003-399127 20031204  
 PRIORITY APPLN. INFO.: US 2000-240315P P 20001013  
 WO 2001-IB2423 W 20011015

L8 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:167742 CAPLUS

DOCUMENT NUMBER: 134:218672

TITLE: Identification of peptides which facilitate uptake and  
**transport** of protein, DNA and virus into  
 cytoplasm and nuclei of cells

INVENTOR(S): Robbins, Paul D.; Mi, Zhibao; Frizzell, Raymond;  
 Glorioso, Joseph C.; Gambotto, Andrea

PATENT ASSIGNEE(S): University of Pittsburgh of the Commonwealth System of  
 Higher Education, USA

SOURCE: PCT Int. Appl., 128 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001015511	A2	20010308	WO 2000-US24034	20000831
WO 2001015511	A3	20020124		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1210362	A2	20020605	EP 2000-963300	20000831
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
PRIORITY APPLN. INFO.:			US 1999-151980P	P 19990901
			US 2000-188944P	P 20000313
			WO 2000-US24034	W 20000831

L8 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1994:263042 CAPLUS

DOCUMENT NUMBER: 120:263042

TITLE: DNA **transporter** system and its use for  
 genetic transformation and gene therapy

INVENTOR(S): Smith, Louis C.; Woo, Savio L. C.

PATENT ASSIGNEE(S): Baylor College of Medicine, USA

SOURCE: PCT Int. Appl., 209 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

*3/8/01  
 publication  
 date*

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9318759	A1	19930930	WO 1993-US2725	19930319
W: AT, AU, BB, BG, BR, CA, CH, DE, DK, ES, FI, GR, HU, JP, LU, NL, NO, PL, RO, RU, SE, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, NL				
AU 9339668	A1	19931021	AU 1993-39668	19930319
AU 671450	B2	19960829		
EP 632722	A1	19950111	EP 1993-909155	19930319
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 07505283	T2	19950615	JP 1993-516812	19930319
US 6033884	A	20000307	US 1993-167641	19931214
US 5994109	A	19991130	US 1995-460890	19950603
US 6150168	A	20001121	US 1995-460971	19950605
US 6177554	B1	20010123	US 1995-462040	19950605
PRIORITY APPLN. INFO.:			US 1992-855389	A 19920320
			WO 1993-US2725	A 19930319
			US 1993-167641	A3 19931214